



217/782-2112

## OPERATING PERMIT

## PERMITTEE

Barr Company  
Attn: Howard Isenberg  
6100 W. Howard Street  
Miles, IL 60648

DEC 22 1992

AREA/DAPC  
STATE OF ILLINOIS

Application No.: 8904C002

I.D. No.: 031201ACM

Applicant's Designation: FIPPERMIT

Date Received: September 24, 1992

Subject: Aerosol Filling Lines

Date Issued: December 15, 1992

Expiration Date: August 15, 1993

Location: 6100 W. Howard St. Miles

Permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of 7 aerosol filling lines (numbers 4,5,6,8,9,10 and 11), 1 pilot plant filling line, 45 storage tanks, 22 mix/blend tanks, and a calcium carbonate railroad car unloading system controlled by a baghouse as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

1. Emissions and operation of equipment shall not exceed the following limits:

Item of Equipment	Operating Hours (total for all lines) (hour/year)	Propellant Chrg Rate Indiv. Line (lb/hr)	Number of Cans Aerosol Filled		VOM Emissions	
			Individual Line (per hr)	Total Lines (per yr)	Indiv. Line lb/hr	Total Lines ton/yr
UTC aerosol fill	13019	800	11,972	155.9 x 10 <sup>6</sup>	12.69	82.61
Pressure aerosol fill		800	6,718		5.67	
Combination of UTC and pressure fill	15622			173.4 x 10 <sup>6</sup>		89.99
Pilot plant	2080	800	---	45,000	0.36	0.37

## Production Rate

Blend mix tnks	8760 hrs	4,660 lb/hr	.55	2.6
Storage tanks				1.2
Blend tank/transfer line cleaning				0.2
Can product filling				1.3
Pipe line losses product				0.4
Pipe line losses propellant				0.6
Total				96.66



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These limits are based on stack test emission factors for the aerosol can filling operations, maximum production rate and the information provided in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.

- 2a. The Permittee shall maintain records of the following items, and such other items as may be appropriate to allow the Agency to review compliance with the limits in Condition 1.

- i. The total number of cans UTC aerosol filled and pressure aerosol filled.
- ii. Total VOM emissions from the plant

- b. These records shall be retained for three years and shall be available for inspection by the Agency.

3. Emissions and operation of equipment shall not exceed the following limits:

Item of Equipment	Operating Hours (Hour/Year)	Particulate Matter Emissions	
		Lb/Hour	Ton/Yr
Calcium carbonate Railroad car unloading	8,736	0.17	0.75

These limits are based on the information provided in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.

4. By April 1 of each year, an annual report shall be sent to the Agency summarizing VOM emissions, operating hours, and number of cans filled.

- 5a. The permittee shall keep records of the raw materials blended and VOM emissions from the blending tanks in order that condition number 1 may be verified.

- b. These records shall be kept for 3 years and be available for inspection by the Agency upon request.

6. The Permittee shall notify the Agency by letter when a violation of the permit has occurred.

It should be noted that the request to extend the permit expiration date is denied.



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If you have any questions on this, please call David Hulskotter at 217/782-2113.

*Donald E. Sutton*

Donald E. Sutton, P.E.  
Manager, Permit Section  
Division of Air Pollution Control

DWH  
DES:DWH:jmm/sp/87N/47-49

cc: Region 1